

*Booster*

SEP. 19. 2006 1:23PM

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NO. 036 P. 1

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To:

NAME:	FACSIMILE:	TELEPHONE:
U.S. Patent and Trademark Office ATTN: PCT	(571) 273-3201	

FROM: Peter Yim  
Reg. No. 44,417

DATE: September 19, 2006

Number of pages with cover page:	13	
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Preparer of this slip has confirmed that facsimile number given is correct: **PJY/8566**

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Comments:

**PLEASE PROCESS THE ATTACHED.**

U.S. Patent Application Serial No. 10/556,239  
For: PROCESSES AND DEVICES FOR THE LIQUID TREATMENT  
OF SUSPENDED PARTICLES  
By: Thomas Schnelle et al.  
Our Reference: 60621-20001.00

Attached is the following:

- 1) Transmittal Letter to the United States Designated/Elected Office Concerning a Submission Under 35 USC 371 (in duplicate, 6 pages)
- 2) Notification of Missing Requirements Under 35 USC 371 (copy, 2 pages)
- 3) Declaration (signed, 1 page)
- 4) Statement Under 37 CFR 3.73(b) w/copy of Assignment (2 pages)
- 5) Power of Attorney (1 page)

10/18/2006 PRBOOKER 00000003 031952 10556239

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## DUPLICATE COPY FOR FEE PROCESSING

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> 606212000100
<b>INTERNATIONAL APPLICATION NO.</b> PCT/EP2004/004981	<b>INTERNATIONAL FILING DATE</b> May 10, 2004	<b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b> 10/556,239
<b>TITLE OF INVENTION</b> PROCESSES AND DEVICES FOR THE LIQUID TREATMENT OF SUSPENDED PARTICLES		<b>PRIORITY DATE CLAIMED</b> May 8, 2003
<b>APPLICANT(S) FOR DO/EO/US</b> Thomas SCHNELLE et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau)
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau) (2 pages)
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (signed, 1 page)
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 35 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment
- ☐ An Application Data Sheet under 37 CFR 1.76
- ☐ A substitute specification.
- ☒ A power of attorney and/or change of address letter (1 page).
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/556,239		INTERNATIONAL APPLICATION NO. PCT/EP2004/004981		ATTORNEY'S DOCKET NUMBER 606212000100	
20. <input checked="" type="checkbox"/> Other items or information: 1. Statement Under 37 CFR 3.73(b) w/copy of Assignment (2 pages) 2. Notification of Missing Requirements Under 37 USC 371 (copy, 2 pages)					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300				\$ 0.00	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200				\$ 0.00	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500				\$ 0.00	
TOTAL OF 21, 22 and 23 =				\$ 0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100 =	0 /50 =		x \$250.00	\$ 0.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		45 - 45 =	25	x 50.00	0.00
Independent claims		4 - 3 =	1	x 200.00	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ 360.00	0.00
TOTAL OF ABOVE CALCULATIONS =				\$ 130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by %.					
SUBTOTAL =				\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)).				\$	
TOTAL NATIONAL FEE =				\$ 130.00	
Fee for recording this enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded:	\$
				Amount to be charged	\$

PTO-1380 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0851-0021  
U. S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 03-1952 in the amount of \$ 130.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1952. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.485 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

Peter J. Yim

NAME

CUSTOMER NUMBER: 20872

44,417

REGISTRATION NUMBER

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-3201, on the date shown below.

Dated: September 18, 2006Signature: 

(Valerie Cohen)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/556,239	Thomas Schnelle	60621200100

RECEIVED

SEP 14 2235

ROBERTSON &amp; FORSTER

20872  
MORRISON & FOERSTER LLP  
425 MARKET STREET  
SAN FRANCISCO, CA 94105-2482

INTERNATIONAL APPLICATION NO.	
PCT/EP04/04981	
LA. FILING DATE	PRIORITY DATE
05/10/2004	

**CONFIRMATION NO. 3800**

### 371 FORMALITIES LETTER

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**Date Mailed: 09/08/2008**

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 11/08/2005
- Copy of the International Search Report filed on 11/08/2005
- Copy of IPE Report filed on 11/08/2005
- Copy of Annexes to the IPER filed on 11/08/2005
- Preliminary Amendments filed on 11/08/2005
- Information Disclosure Statements filed on 11/08/2005
- U.S. Basic National Fees filed on 11/08/2005
- Priority Documents filed on 11/08/2005
- Specification filed on 11/08/2005
- Claims filed on 11/08/2005
- Abstracts filed on 11/08/2005
- Drawings filed on 11/08/2005

M49- Med  
DOCKETED  
11-8-06

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371: **7.8.01**

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.

**Additionally the following defects have been observed:**

- Annexes have not been entered because Not a page for page substitution.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION,**

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NO. 036 PP. 32 of 2

**WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/556,239	PCT/EP04/04981	60621200100

FORM PCT/DO/EO/905 (371 Formalities Notice)